

REMOVE MOISTURE,

REPLACE NITROGEN

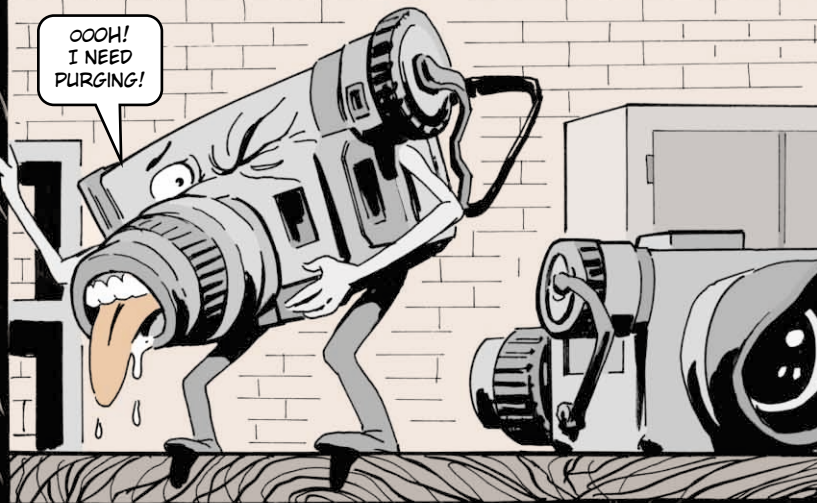
WHAT WORD DOES **NOT** APPEAR IN TM 11-5855-262-10-2, THE OPERATOR AND UNIT MAINTENANCE MANUAL FOR THE AN/PVS-7B AND -7D NIGHT VISION GOGGLES (NVGS)...

...BUT SHOWS UP **50 TIMES** IN TM 11-5855-262-238P-2, THE DIRECT SUPPORT MANUAL?

THE WORD IS **PURGE!**



OOOH!
I NEED
PURGING!



The housing of your NVG is filled with dry nitrogen. Purging is the process of removing moisture that might have gotten into your NVG housing and of replacing the nitrogen that has leaked out.

There is one mandatory time when every NVG must be purged. That is at the 180-day resolution test performed by direct support (DS) maintenance. Unfortunately, it seems that many of you unit-level armorers are ignoring that 180-day test!

The number one complaint of DS NVG repairmen is that NVGs are not being turned in for the 180-day test.

And guess what? If the test is not done, your NVGs are NMC!

Some DS guys have taken it upon themselves to track your unit's NVGs and alert you when the 180-day test is needed. But that's not their job! It's your job to keep track of when the test is needed.

HEY! IT'S BEEN **MORE THAN 180 DAYS!** YOU GONNA SEND US TO DS TO TEST US OR WHAT?

AHH, NOT NOW. I'VE GOT **NO TIME** TODAY.

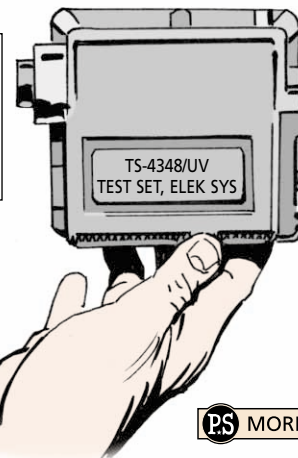


So put this book down, unit armorers, and check every single pair of NVGs in your arms room. There will be a sticker on each one that tells you when the 180-day check was last done. Turn in to DS those that need the check. Start a tracking system that will alert you a week before each NVG needs to be tested.

The second complaint that DS repairmen have is that you users and armorers are forgetting the resolution test with the TS-4348/UV test set, NSN 6625-01-323-9584. You cannot measure resolution accurately without using this test set!

Without accurate resolution, your goggles put you in danger every time you use them, by not allowing you to see what you need to see. So get the TS-4348/UV and do the test often—at least every 45 days.

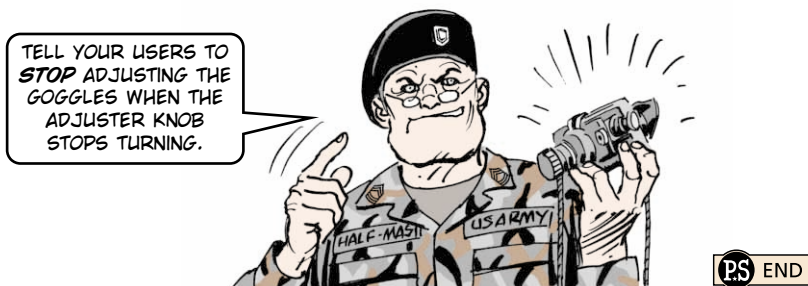
Use TS-4348/UV test set to do the resolution test



Finally, DS repairmen make this request: When a moveable part on your NVG reaches its stopping point, **stop moving it!** The number one reason parts on your NVG break is because they are turned past their stopping point. This usually stems from a resolution problem that proper testing would have solved. Because you cannot get the clear image you want, you keep trying to adjust the goggles even when there is no more room for adjustment.



So, turn in your NVGs to DS maintenance in a timely way for their 180-day test; do your own resolution tests with the TS-4348/UV as often as needed.



DON'T BREATHE!



In cold weather, resist the temptation to breathe on the optical lens of any night vision goggles and then wipe off the moisture with a cloth. If it is below freezing, your breath will frost the lens. When you wipe away the frost, you're bound to leave behind nasty scratches.

Wipe dirt and smudges off with only lens cleaning tissue, NSN 6640-00-240-5851. Don't breathe on the lens first and don't use just any old available cloth.